

## ABSTRACT OF THE DISCLOSURE

A carbon monoxide selective oxidizing catalyst includes a carrier of ferrierite or ZSM-5 that supports a metal component of platinum (Pt) alone or platinum and at least one type of transition metal. Alternatively, a carbon monoxide selective oxidizing catalyst 5 includes a carrier whose maximum pore diameter ranges from 0.55 to 0.65 nanometers (nm) that supports a metal component of platinum (Pt) alone or platinum and at least one type of transition metal.